

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/050771

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H03L7/06 H04L7/033

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03L H04L 611B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	WO 03/047109 A (KAHLMAN JOSEPHUS A H M ; KONINKL PHILIPS ELECTRONICS NV (NL)) 5 June 2003 (2003-06-05) cited in the application the whole document	1-6
A	EP 0 342 736 A (PHILIPS NV) 23 November 1989 (1989-11-23) cited in the application column 5, line 26 - column 7, line 40; figures 1,A-5	1-6
A	US 6 134 064 A (SATO MASAFUMI ET AL) 17 October 2000 (2000-10-17) column 10, line 8 - column 11, line 9; figure 6	1-6
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \* & \* document member of the same patent family

Date of the actual completion of the international search

31 August 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 100 661 A (VAN DALFSEN AGE J ET AL)  8 August 2000 (2000-08-08)  column 4, line 29 - column 6, line 9;  figure 1</p>	1-6

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Information on patent family members

International Application No

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